

KHOLIN, Nikolay Aleksandrovich,; ISLANKINA, T.F., red.; TROFIMOV, A.V., tekhn. red.

[New methods of constructing railroads] Sovremennye metody stroitel'stva
zheleznykh dorog v SSSR. Moskva, Izd-vo "Znanie," 1958. 31 p.
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i
nauchnykh znanii. Ser. 4, no. 23). (MIRA 11:11)
(Railroad engineering)

SECRET
FAYNBOYM, Iosif Borisovich, BALABANOV, Ye.M., doktor fiziko-matematicheskikh nauk, red., ISLANKINA, T.F., red., BERLOV, A.P., tekhn. red.

[Ernest Rutherford, the man who looked inside the atom] Ernest Rezerford-chelovek, zaglyanuvshii v glub' atoma. Moskva, Izd-vo "Znanie," 1958. 45 p. (Vsesoiuznoe obshchestvo po rasprostracheniiu politicheskikh i nauchnykh znani. Ser. 8, vyp. 2, no. 7).

(MIRA 11:10)

(Ernest, Rutherford, 1871-1937)

ISLANKINA, T.F.,; FAYNBOYM, I.B.,; BERLOV, A.P., tekhn. red.

[Winners of the Lenin Prize for science and technology] Laureaty
Leninskoj premii(po nauke i tekhnike). Moskva, Izd-vo "Znanie."
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i
nauchnykh znaniy. Ser. 8, vyp. 2, nos. 10/11; also Ser. 4, nos.
26/27). Pt. 2. 1958. 60 p. (MIRA 11:11)
(Lenin Prizes)

FRANTSEVICH, Ivan Nikitich; ISLANKINA, T.F., red.; BERLOV, A.P., tekhn.red.

[Powder metallurgy] Poroshkovaia metallurgii. Moskva, Izd-vo
"Znanie," 1958. 70 p. (Vsesoiuznoe obshchestvo po rasprostraneniui
politicheskikh i nauchnykh znani. Ser. 4, nos. 34-35) (MIRA 12:2)

1. Chlen-korrespondent AN USSR (for Frantsevich).
(Powder metallurgy)

GRINILEV, Lev Solomonovich; KOBRINSKIY, A.Ye., nauchnyy red.; ISLANKINA,
T.F., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[On cybernetics; materials of Sunday lectures delivered in the
Technical Museum "News in science and technology"] O kibernetike;
po materialam Voskresnykh chtenii Politekhicheskogo muzeia
"Novosti nauki i tekhniki." Moskva, Izd-vo "Znanie," 1959. 30 p.
(Vsesoiuznoe obshchestvo po rasprostraneniui politicheskikh i
nauchnykh znani. Ser.4, Nauka i tekhnika, no.28) (MIRA 12:10)
(Cybernetics)

UVAROV, Georgiy Vasil'yevich; ISLANKINA, T.F. red.; ATROSHCHENKO, L.Ye.,
tekhn.red.

[Development of chemical industries from 1959 to 1965] Razvitie
khimicheskoi promyshlennosti v 1959-1965 godakh. Moskva, Izd-vo
"Znanie," 1959. 15 p. (Vsesoiuznoe obshchestvo po rasprostraneniui
politicheskikh i nauchnykh znani. Ser.4, Nauka i tekhnika, no.26)
(MIRA 12:10)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta po khimii
Soveta Ministrov SSSR (for Uvarov).
(Chemical industries)

YAROTSKIY, Anatoliy Vasil'yevich; ISLANKINA, T.F., red.; ATROSHCHENKO,
L.Ye., tekhn.red.

[Electric signals; from the "Sunday lectures" of the Moscow
Polytechnic Museum] Elektricheskiy signal; po materialam
"Voskresnykh chtenii" Politeknicheskogo muzeia v Moskva.
Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo
po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.4,
Nauka i tekhnika, no.21). (MIRA 13:9)
(Signals and signaling) (Information theory)

SHEFTEL', Naum Izrailevich, kand.tekhn.nauk; ISLANKINA, T.F., red.;
NAZAROVA, A.S., tekhn.red.

[Recent developments in ferrous metallurgical factories] Novoe
na zavodakh chernoi metallurgii. Moskva, Izd-vo "Znanie," 1961.
39 p. (Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh
i nauchnykh znaniy. Ser.4, Tekhnika, no.9)

(MIRA 14:6)

(Iron industry)

(Steel industry)

KHRENNIKOV, V.N.; ISLANKINA, T.F., red.

[Refrigeration plants in foreign countries] Kholodil'-
nye ustanovki za rubezhom. Moskva, TSentr. biuro tekhn.
informatsii, 1962. 40 p. (XIV Seriya: Mashinostroenie
za rubezhom) (MIRA 17:10)

ISLANKINA, T.F., nauchn. red.

[Equipment for the textile and light industry; based on the materials of the Belgian Exhibition in 1964] Oborudovanie dlia tekstil'noi i legkoi promyshlennosti; po materialam Bel'giyskoy vystavki 1964 g. Moskva, '965. 40 p.
(MIRA 18:12)

1. Moscow Nauchno-issledovatel'skiy institut informatsii po mashinostroyeniyu gosudarstvennogo komiteta po mashinostroyeniyu .

VOROB'YEV, Vasilii Aleksandrovich, prof., doktor tekhn.nauk, zaslushenny
deyatel' nauki i tekhniki; FEDOSEYEV, Georgiy Petrovich, inzh.;
ISLANKINA, T.I., red.; SAVCHENKO, Ye.V., tekhn.red.

[Local building materials] Mestnye stroitel'nye materialy.
Moskva, Izd-vo "Znanie," 1959. 31 p. (Vsesoiuznoe obshchestvo
po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser. 4.
Nauka i tekhnika, no.2) (MIRA 12:2)

(Building materials)

ISLANKINA, T.V.

SERGEYCHUK, Konstantin Yakovlevich, kandidat tekhnicheskikh nauk;
YAROTSKIY, A.V., redaktor; ISLANKINA, T.V., redaktor;
DMITRIYEVA, R.V., tekhnicheskii redaktor;

[Development of telecommunication technology in the U.S.S.R.]
Razvitie tekhniki svyazi v SSSR. Moskva, Izd-vo "Znanie," 1955. 31 p.
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh
i nauchnykh znaniy. Ser.4, no.26) (MLRA 8:9)
(Telecommunication)

ISLENT'EV, N.

Omskii aeroport. [The Omsk airport]. Moskva, Redizdat Aeroflota, 1946. 47 p. illus.
(Politicheskoe upravlenie grazhdanskogo vozdushnogo flota. Pobediteli Vsesoiuznogo
sotsialisticheskogo sorevnovaniia).

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified

ISLENT'YEV, Nik.

~~Flight "millionaires"~~. Kryl.rod. 2 no.11:8-10 N '51. (MIRA 8:8)
(Air pilots)

ISLENT'YEV, Nik.

~~For the great construction works of communism. Kryn.rod. 3 no.12:~~
3-4 D '52. (Aeronautics, Commercial--Freight) (MIRA 8:8)

ISLENT'YEV, N.

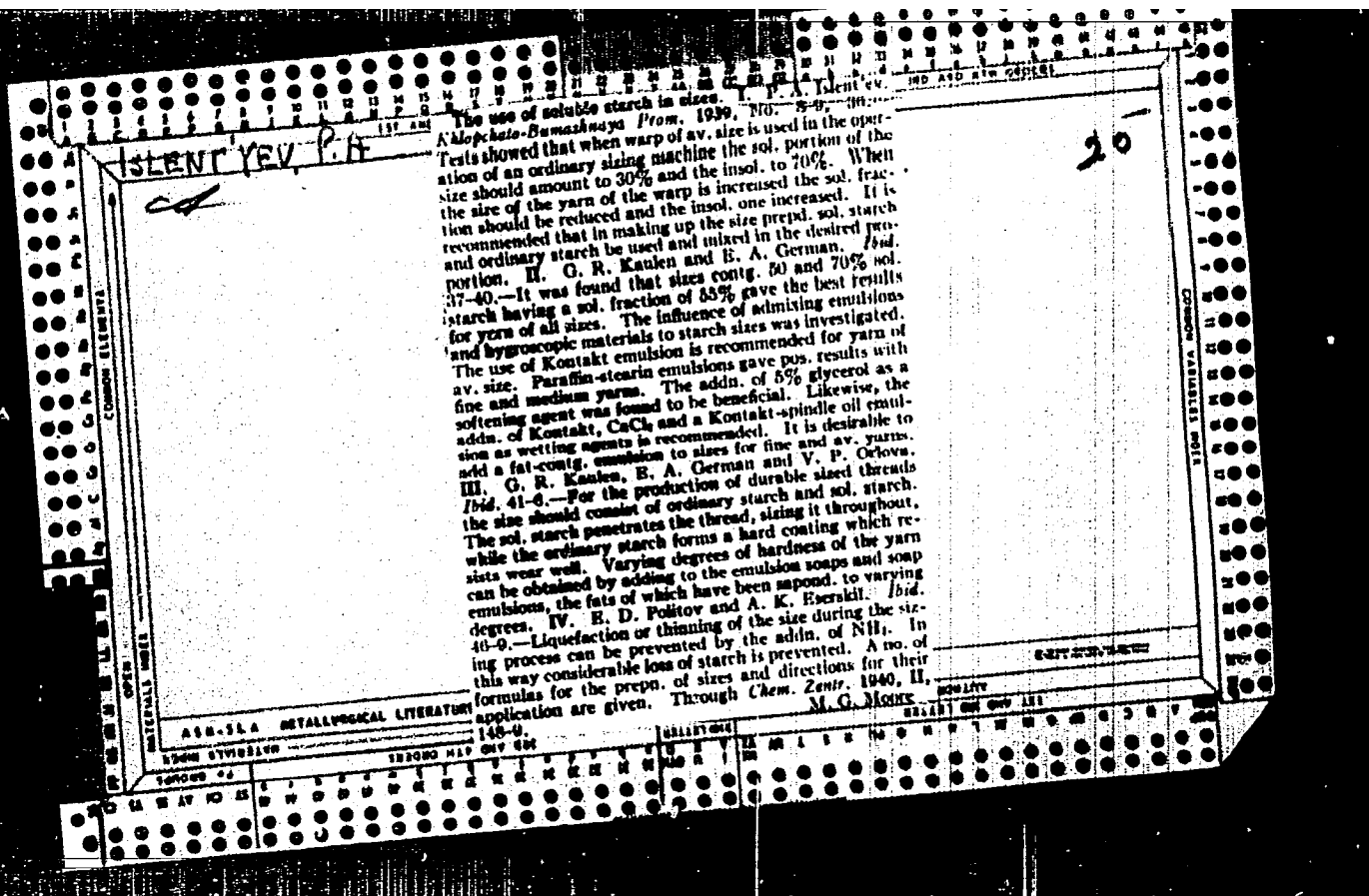
Multiply the ranks of participants in the national patriotic
movement. Den. 1 kred. 21 no.5:55-60 My '63. (MIRA d6:5)
(Socialist competition) (Banks and banking)

ISLENT'YEV, N.

The Third Plenum of the Central Committee of the Government
Workers Trade Union. Fin.SSSR 37 no.3:93-95 Mr '63.
(Trade unions—Congresses) (Finance) (MIRA 16:4)

ISLENT'YEV, N.

The 20th Congress of the Trade Union of Government Employees.
Fin. SSSR 37 no.11:89-92 N'63. (MIRA 17:2)



1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																																																																																																							
1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																																																																																																							
ISLANTYEV, P. A.																										26																																																																																																							
PROCESSES AND PROPERTIES INDEX																																																																																																																																	
Use of ground aquatic plants for sizing. P. Islent'ev. Tekstil. Prom. 4, No. 2/3, 15-18(1944).--Na alginate is suitable for sizing and finishing textiles and as a thickener for basic dyes. Because the cost of extn. is high, expts. were made on the use of finely ground, whole seaweed, contg. moisture 13.8, ash 27.4, water-insol. at 40° 50.9%; the insol. matter includes 20.8% of alginic acid. To det. alginic acid, treat 1 g. of sample with 20 parts of 0.5% HCl for 24 hrs., wash until free of Cl, treat with 20 parts of 2% Na₂CO₃ soln. on a water bath for 2 hrs., dil. with H₂O and heat for 2 hrs. more, dil. to 1:200 and keep overnight, filter, wash with H₂O, add 5-7 ml. of concd. HCl to the filtrate to ppt. alginic acid, keep overnight, filter through a weighed ashless filter, wash with alc. then with ether and dry to const. wt. at 100°. Det. the ash content and calc. the algin on the dry basis. Na, K, NH₄, Li and Mg alginate solns. are 10-12 times more viscous than similar concns. of starch. Size is best prepd. from powd. seaweed not less than 4%, and Na₂CO₃ 20% of the wt. of air-dry powder, by heating at 60-65° for 45-60 min. For sizing textiles powd. seaweed can be used alone or mixed with corn, wheat or rye flour. M. Hosh																																																																																																																																	
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																																																																																																	
<table border="1"> <tr> <td colspan="13">TANCOB #2</td> <td colspan="13">CLASSIFICATION</td> <td colspan="13">CLASSIFICATION</td> </tr> <tr> <td colspan="13">TANCOB #2</td> <td colspan="13">CLASSIFICATION</td> <td colspan="13">CLASSIFICATION</td> </tr> </table>																																																				TANCOB #2													CLASSIFICATION													CLASSIFICATION													TANCOB #2													CLASSIFICATION													CLASSIFICATION												
TANCOB #2													CLASSIFICATION													CLASSIFICATION																																																																																																							
TANCOB #2													CLASSIFICATION													CLASSIFICATION																																																																																																							

ISLANT'YEV, P.A.
CA

Soluble starch. P. Islent'ev. *Tekhn. Prom. S. No. 1.* 43(1948); *Chem. Zentr.* (Russian Zone Ed.) 1948, II, 1139; cf. *C.I. 34, 5022*.—Sol. starch is prepd. by heating a mixt. of 240 kg. cornstarch and 8 kg. 28% bisulfate at 100-8° in a double-walled kettle with continuous stirring. The starch liquefies (iodine test) in 4-5 hrs. Over-hydrolysis to dextrin or sugar must be avoided. In large-scale production the wet starch is mixed with the corresponding amt. of bisulfate and dried in special equipment. The starch becomes sol. during the drying. Starch so produced contains moisture 6, reducible substances 0.1-0.5%, and has a viscosity of 87 ± 2. For dressing purposes 5.5 kg. of ordinary starch is mixed with 2.4 kg. of sol. starch, and the mixt. is heated and applied at 80-8°. Drying is done at 90-5°. According to another method, 21 kg. of ordinary cornstarch and 43 kg. sol. starch are heated with 400 l. of water and a quantity of NH_3 . This starch is dild. 1:3 for sizing silks and 1:6 for muslin. For black fabrics sol. starch caramelized with alkali is used alone. For this purpose 16 kg. sol. starch, 100 l. water, and 1 l. NaOH of 32° B ϕ are boiled 15-20 min. A slush consisting of 12 l. sol. starch, 4 l. stearin soap (liquid), and 1 l. allanin oil is recommended for aniline-black satin. Sol. starch is also suitable for printing purposes. M. G. Moore

ISLANT YEV, PA.

The role of the decomposing agent in sizes. P. A. Isentev and N. P. Nukhaya. *Tekstil. Prom.* 11, No. 2, 20-21 (1951); *Chem. Zvesti.* 1951, II, 1072-8; cf. *C.I.* 36, 60224; 44, 97109. —A good size for cotton warp which contains a part of the starch in sol. form. Expts. reported showed oxidizing agents to be suitable for the complete or partial decomposition of the starch, with Chloramine T and H being most satisfactory. The decomposition must not take place throughout the whole mass of the size but only in that portion which is to be sol. starch. This portion is then mixed with the undecomposed portion of the size. Formulas for sizes and exptl. results are reported. M. G. Moore.

ISLANT'YEV, Petr Alekseyevich; FODIMAN, L.V., redaktor; ZAYTSEV, M.I.,
retsezhent; KOPELEVICH, Ye.I., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Methods of calculating the demand for dyes and chemical materials
by individual cotton mills] Metodika podscheta potrebnosti v krasiteliakh i khimicheskikh materialakh dlia otdechnukh khlopchatobymazhnykh fabrik. Pod red. L.V.Fodimana. Moskva, Gos. nauchnotekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1954. 79 p. (MLRA 8:6)
(Dyes and dyeing--Cotton)

ISLENT'YEV, P.A.

Optimum temperature for sizing of cotton warp. P. A.
Isent'ev. Tekstil. Prom. 16, No. 1, 38-40(1956). The
discussion evaluates the currently used high temp. (90-5°)
sizing of the cotton warp with starches prepd. by a chloro-
amine or hypochlorite method and considers the possible
lowering of temp. to 60°. Elisabeth Harafish

ISLENT'YEV, Petr Alekseyevich; FODIMAN, L.V., spets. red.;
VERBITSKAYA, Ye.M., red.; KNAKNIN, M.T., tekhn. red.

[Thickening agents and adhesives made of specially prepared
macromolecular compounds] Zagushchaiushchie i kleishchie ma-
terialy iz spetsial'no podgotovlennykh vysokomolekuliarnykh
soedinenii. Moskva, Izd-vo Nauchno-tekhn. lit-ry RSFSR,
1960. 58 p. (MIRA 16:3)
(Thickening agents) (Adhesives) (Macromolecular compounds)

ISLENT'YEV, P.A.

Role of fatty admixtures in sizing. Izv.vys.ucheb.zav.; tekhn.tekst.
prom. no.2:92-96 '63. (MIRA 16:6)
(Sizing (Textile))

ISLEV, N. V.

Building

New technology for the construction projects of the Ministry for Construction of Heavy Industry Enterprises. Stroi. prom., 30, no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1953. Unclassified.
2

35475

S/109/62/007/003/018/029

D266/D302

9.4110 (1138, 1140, 1144)

AUTHORS: Bellyustin, S.V., and Islyamov, Z.I.

TITLE: Capacity of a plane diode with space charge and Maxwellian distribution of the initial velocities of the electrons

PERIODICAL: Radiotekhnika i elektronika, v.7, no. 3, 1962, 499 - 508

TEXT: The purpose of the paper is to determine the capacity of a plane diode in the presence of a stationary current and taking account of the distribution of initial velocities. The dimensions of the parallel plates are assumed to be large enough for neglecting -edge effects and small enough for neglecting the effect of the magnetic self field on the electron motion. The expression for the capacity, taken from another paper of Bellyustin (Ref. 2: Radiotekhnika i elektronika, 1962, 7, 3, 491) reads as follows:

$$C = \frac{S}{4\pi} \left\{ \frac{i_a}{i_s} \frac{d}{d\Phi_a} \left(\frac{d\Phi}{dx} \right)_0 + \frac{i_s - i_a}{i_s} \frac{d}{d\Phi_a} \left(\frac{d\Phi}{dx} \right)_a \right\}, \quad (1)$$

Card 1/3

Capacity of a plane diode with ...

S/109/62/007/003/018/029
D266/D302

where S - area of the electrodes, j_a - anode current density, j_s - emission current density, $\Phi = e_0 \varphi / kT$, e_0 - absolute value of the charge of an electron, φ - potential in respect to the cathode, k - Boltzmann constant, T - absolute temperature of the cathode, the indices a and o refer to the anode and cathode respectively. The potential in the diode is calculated by using V. Bursian's and I. Langmuir's approach. The authors employ a dimensionless parameter

$$\alpha = 2d \sqrt[4]{\frac{2\pi^3 m e_0^2 j_s^2}{k^3 T^3}}$$

to characterize the flow, and calculate the capacity for the regions of I) saturation current, II) space-charge limited, III) re-
varding anode voltage. The ratio of 'hot' capacity is plotted as a function of anode voltage for $\alpha = 3$ (weak emission) and $\alpha = 200$ (strong emission). In both cases the maxima are on the boundary of the space-charge limited and temperature limited regions. The capacity is always positive and generally exceeds the 'cold' capacity. In the space-charge limited region the capacity appreciably differs
Card 2/3

Capacity of a plane diode with ...

S/109/62/007/003/018/029
D266/D302

from the value $(4/3)C_0$ which is obtained (Ref. 2: Op.cit.) by neglecting initial velocities. The numerical results, calculated by the authors, do not agree with those of A. van der Ziel, who used a different formula for the capacity. There are 4 figures and 17 references: 5 Soviet-bloc and 12 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: W.F. Lovering, S.C. Bull, Proc. Instn. Electr. Engrs., 1959, 106B, 25, 57; R. Willett, S.C. Bull, Proc. Instn. Electr. Engrs., 1959, 106B, 28, 360; B. Meltzer, Nature, 1958, 181, 19, 1332; J. Electronics and Control, 1958, 4, 4, 350; H. Rothe, Proc, I.R.E., 1940, 28, 7, 325.

ASSOCIATION: Gor'kovskiy gosudarstvennyy pedagogicheskiy institut im. A.M. Gor'kogo (Gor'kiy State Pedagogic Institute im. A.M. Gorkiy)

SUBMITTED: April 21, 1961

Card 3/3

ISLYAMOVA, M.E.

Zoolytic and physolytic activity of gastric juice under conditions of external temperature and solar radiation. Med. zhur. Uzb. no.4: 27-31 Ap '61. (MIRA 14:5)

1. Iz kafedry normal'noy fiziologii (zav. - dotsent G.F.Korot'ko) Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(GASTRIC JUICE) (HEAT--PHYSIOLOGICAL EFFECT)
(SOLAR RADIATION--PHYSIOLOGICAL EFFECT)

ACC NR: AP6026778

SOURCE CODE: UR/0077/66/011/003/0201/0210

AUTHOR: Vinokurov, L. G.; Islyamov, V. A.; Podvigalkin, P. M.

ORG: State Optical Institute im. S. I. Vavilov (Gosudarstvennyy opticheskiy institut)

TITLE: Investigation of the parameters of selenium electrophotographic layers

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 11, no. 3, 1966, 201-210

TOPIC TAGS: electrophotography, selenium layer property, selenium layer photosensitivity, photoelectromotive force

ABSTRACT: Layers of amorphous selenium used in electrophotography are obtained, as a rule, by evaporation in vacuum of an arbitrary selenium modification, followed by vapor condensation on a suitable substrate. Electrophotographic properties of selenium layers depend upon many parameters of the process. The present work is a description of research on the influence of residual atmosphere pressure and of the thermal treatment of the deposited Se layers at various pressures, upon their electrophotographic parameters. The initial selenium had an amorphous glassy structure; its purity was controlled by spectral analysis. A conventional vacuum evaporation system was used as the apparatus; a detailed description of the experimental parameters and their ranges is given. Selenium was evaporated at $.7 - .9 \mu/\text{min.}$, from a heated porcelain crucible upon glass substrate covered with a conductive transparent layer of SnO_2 . The amount of Se was regu-

UDC 772.93

Card 1/2

ACC NR: AP6026778

lated to give layers 20μ thick, controlled by a MIS-11 microscope. The surface structure was studied under the MIM-7 metallographic microscope. Measurements of the Se 127 -
er properties were made after a 2-3 months aging. Higher pressures (vacuum deteriorati-
on) lead to a lower deposit density and a porous layer structure composed of longer
and coarser needles. Detailed results of the dependence of limiting potentials, poten-
tial decay time constants and spectral sensitivity upon deposition vacuum pressure and
temperature of thermal treatment are given. It is concluded that the basic parameters
of selenium layers can be influenced over fairly wide limits by the pressure of the re-
sidual gases during deposition and by a subsequent thermal treatment of the deposited
layers.

SUB CODE: 14, 20/

SUBM DATE: 16Jan65/

ORIG REF: 018/

OTH REF: 009

Card 2/2

ISMAGILOV, K.G.

Cracks in a brick obtained by the dry pressing method.

Trudy KKHTI no.15:125-128 '50. [publ. '51] (MIRA 12:12)

(Bricks)

I.S. MAGILOV, N. G.

5(0) NAME: BOOK INFORMATION NOV/2019

NAME: Khimiko-tekhnologicheskii institut imeni S.M. Kirova

Trudy, 779, 22, Khimicheskoye imeni (Transactions of the Chemical and Technological Institute imeni S.M. Kirov, Kazan, No. 22, Chemical Sciences) Kazan, 1959.

273 p. Brinda ally inserted, 300 copies printed.

Material Board: I.M. Moshalov (Dep. M.) Professor, A.A. Trufanov, (Dep. M.) Professor, I. N. Boyan (Dep. M.) Professor, O.J. Vozdizhenko, Professor, A. N. Arsenov, Academician, D. N. Moshalov, Professor, S.M. Kuznetsov, Professor, A.M. Kriger'ev, Professor, S.M. Kholov, Professor, M.A. Yurlov (Dep. Secretary) Board: M. N. Kuznetsov, M. I. M. Sogomolov,

NOTE: This book is intended for industrial chemists, technologists, scientists, teachers, and research students in applied chemistry.

CONTENTS: The collection contains reports by family members of the sponsoring institute and also commemorates the 75th year of the birth and first anniversary of the death of Professor Alexey Mikhaylovich Vasil'yev, Doctor of Chemical Sciences and head of the Faculty. A review of Vasil'yev's scientific activities is given along with a chronological bibliography of his published works and that of members of the Institute under his leadership. Articles of the collection deal mainly with electrochemistry and the analysis of electrochemical processes, chemical analysis, and investigations of the prospective application of physicochemical phenomena in industrial processes, e.g., cleaning with ultrasound, enhancing the properties of building materials with additives, etc. References are given at the end of each article.

TABLE OF CONTENTS:

Transactions of the Chemical (cont.)

27. Radetskiy, S.M., S.R. Potapchuk, and A.V. Kostikov. The Application of Radiography and Microspectrometry to Investigations of Metal Microstructure at the Cobalt 125
28. Radetskiy, S.M. Changing the Drying Properties of Clay in the Production of Construction Brick by Introducing Additives (First report) 130
29. Radetskiy, S.M. Ultrasonic Cleaning of Metallic Items 134
30. Radetskiy, S.M., S.R. Potapchuk, and S.R. Potapchuk. Removal of Scale in an Ultrasonic Field 139
31. Radetskiy, S.M., and V.V. Kuznetsov. Study of the Drying Process of Microbiological Medium Covers (First report) 145
32. Radetskiy, A.G. Application of the Theory of Similarity to the Investigation of Molecular Transfer in Gases 149

Cont 5/6

SOV/138-59-2-15/24

AUTHOR: Ismagilov, K. G. and Maminov, O. V.

TITLE: Method of Drying Envelopes of Meteorological Balloons
(Sposob sushki obolochek meteorologicheskikh sharov)

PERIODICAL: Kauchuk i rezina, 1959, Nr 2, pp 49-50 (USSR)

TITLE: A method of drying balloons by internal circulation of hot air is described and illustrated. Air at temperatures between 40° and 70° C is blown into the envelope through an internal distributing pipe with holes at the top and bottom ends and with diaphragms arranged to ensure good distribution of hot air at the "poles" of the balloon, which tend to be thicker and carry more moisture than the material at the "equator". Direct impingement of the air jets, which might cause local swelling, is prevented by keeping the orifices of the internal tube at correct distance from the walls. The air escapes through ports in an outer tube at the top, and the thick neck of the balloon is dried by the exit air. The balloon is kept inflated to the desired degree by simultaneous regulation of the exit vents and a throttle in the inlet pipe so that the desired rate of air change

Card 1/2

SOV/138-59-2-15/24

Method of Drying Envelopes of Meteorological Balloons

can be regulated. Experiments show that balloons prepared by ionic deposition of synthetic latex can be dried in 10 to 40 minutes, according to size, with air at 50° to 55° C. This is said to be 12 times more rapid than drying by methods formerly used, and gives a product with better spherical form without local swellings and reduction of wall thickness. There is 1 figure.

ASSOCIATION: Kazanskiy tekhnologicheskii institut imeni S.M.Kirova
(Kazan' Technological Institute imeni S. M. Kirov)

Card 2/2

S/081/61/000/023/051/061
B107/B110

AUTHORS: Ismagilov, K. G., Maminov, O. V.

TITLE: New methods of drying meteorological balloon covers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 556, abstract
23P324 (Tr. Kazansk. khim.-tekhnol. in-ta, no. 29, 1960,
197-199)

TEXT: Previously, the gel is partially dried by alternating inflating and releasing of the air and by pouring off the water formed. Thus, the gel solidifies and the moisture is reduced to 35-55%. The latex foil of the cover shows varying thicknesses along the meridional section; when the cover is inflated, diffusion of free moisture and vapors from the interior is made difficult and the foil of the cover is very sensitive to local blow up. According to the new method of cover drying with internal blow up the drying is achieved by using a nozzle of special design. This guarantees the continuous introduction of fresh and evacuation of used drying agent from the cover, produces continuous turbulent flows, and distributes rationally the flows of the drying agent inside the cover, a

Card 1/2

3/081/63/000/002/084/088
B186/B186

AUTHOR: Ismagilov, G. K.

TITLE: Wet talc-coating of meteorological balloons

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 582, abstract
2T379 (Tr. Kazansk. khim.-tekhnol. in-ta, no. 27, 1961, 75-81)

TEXT: Optimum processing conditions were developed for wet talc-coating
of meteorological balloon bags by treating them with a > 20% aqueous talc
suspension. [Abstracter's note: Complete translation.] ✓

Card 1/1

S/081/62/000/023/112/120
B117/B186

AUTHORS: Ismagilov, K. G., Maminov, O. V., Mnukhin, G. D.

TITLE: Investigation of the process of drying of weather balloon bags. Continuous drying of bags. Communication 4

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 764, abstract 23P591 (Tr. Kazansk. khim.-tekhrol. in-ta, no. 27, 1961, 82 - 87)

TEXT: Small and medium-sized bags for pilot and radio balloons are dried in a drying chamber. The covers inflated to a certain diameter whilst continuously rotating around their axis of symmetry, then put into containers and transported by a conveyer into the drying chamber. Uniform drying is ensured. This permits the use of a drying agent at 50 - 60°C which intensifies the drying process. The time of drying is reduced to 1/10 - 1/12 of that required by the existing method in a drying room. The efficiency of the drier is calculated, and a schematic diagram is given. [Abstracter's note: Complete translation.]

Card 1/1

ISMAGILOV, K.G.

Device for the automatic removal of meteorological balloon
shells from the molds. Kauch.i rez. 21 no.11,47-48 N '62.
(MIRA 15:12)

1. Kazanskiy Khimiko-tekhnologicheskii institut imeni
Kirova.

(Rubber industry—Equipment and supplies)

MUTRISKOV, A.Ya.; MAMINOV, O.V.; ISMAGILOV, K.G.; USMANOV, A.G.

Entropy method of analysis of chemisorption processes. Izv. vys.
ucheb. zav.; khim. i khim. tekhn. 7 no.3:486-491 '64.

(MIRA 17:10)

1. Kazanskiy khimiko-tekhnologicheskoy institut imeni Kirova,
kafedra protsessov i apparatov khimicheskoy tekhnologii i teplo-
tekhniki.

ISMAILOV, M. I.

21623

ISMAGILOV, M. I. K ekologii saytsa-rusaka, malogo tushkanchika i serogo khomyachka na O. Barsa-Kel'mes. Investiya Akad Nauk Kazakh. SSR, No. 63, Seriya zool., vyp. 8, 1948, s. 79-93. - Rezyume Na Kazakh. yaz.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

1. ISMAGILOV, M. I.
2. USSR (600)
4. Suslik - Barsa Kel'mes Island
7. Characteristics of the population of the sandstone suslik (*Citellus fulvus* Licht.) on the island of Barsa Kel'mes. Zool. zhur. 31 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

GEFTNER, V. G., ISMAGILOV, M. I.

Gophers

New type of the gopher (*Spermophilopsis leptodactylus* Licht; Mammalia, Glires).
Dokl. AN SSSR, 84, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1953². Unclassified.

ISMAGILOV, M.I.

Materials on the multiplication of the suslik *Citellus maximus*
Pall. on Barsa-Kel'mes Island. Trudy Inst.zool.AN Kazakh.SSR 2:
121-141 '53. (MLRA 10:2)
(Barsa-Kel'mes Island---Susliks)

ISMAILOV, M.I.

Some data on the enemies and parasites of the sandstone suslik
(Ctellus maximis Pall.) on Baran Kel'mes Island. Izv. AN Kaz.
SSR no.125:11-17 '53. (MLRA 6:12)
(Baran Kel'mes Island--Suslik) (Suslik--Baran Kel'mes Island)

ISMAGILOV, M.I.

~~Ecology of the goitered gazelle on Barsa-Kel'mes Island.~~ Biol.
MOIP.Otd.biol. 59 no.6:3-9 N-D '54. (MIRA 8:2)
(Barsa-Kel'mes Island--Gazelles)

ISMAGILOV, M.I.

Gulls of Barsa-Kel'mes Island (Aral Sea). Trudy Inst.zool.AN
Kazakh.SSR 4:166-172 '55. (MIRA 10:1)
(Barsa-Kel'mes Island--Gulls)

ISMAGILOV, M. I.

Hibernation of the suslik *Citellus maximus* Pall. on Barsa-Kel'mes Island. Zool. zhur. 34 no. 2: 454-459 Mr-Apr '55. (MIRA 8:6)

1. Institut zoologii Akademii nauk KazSSR.
(Barsa-Kel'mes Island--Susliks)

ISMAGILOV, M.I.

Data on the ecology of the Tien Shan marmot *Marmota bobac centralis*
Thom. [with English summary in insert]. Zool.shur.35 no.6:908-915
Je '56. (MLRA 9:10)

1. Institut zoologii AN Kazakhskoy SSR.
(Tien Shan--Marmots)

IZMAGILOV, M.I.

Observations on the dormouse (*Solevia betpakdalensis* Bel. et Basch).
Izv. AN Kazakh. SSR, Ser. biol. no.2:77-82 '57. (MIRA 11:3)
(Kazakhstan--Dormouse)

15/11/1967, M.I.

POLAND/Zooparasitology - Parasitic Worms.

G-1

Abs Jour : Ref Zhur - Biol., No 5, 1958, 19607

Author : Agapova, A.I., Ismagilov, M.I.

Inst : -

Title : Parasites of Thin-Toed Suslik.

Orig Pub : Tr. In-ta zool. AN KazSSR, 1957, 7, 291-293

Abstract : In dissecting 36 thin-toed susliks of sub-species *Spermophilopsis leptodactylus leptodactylus* and *S. leptodactylus heptopotamicus* in Kazakhstan in 1950-54, 3 species of nematodes were found (*Dermatopallarya baylisi*, *Physaloptera* sp. and *Ph. leiperi*) and skreben  *moniliformis moniliformis*.

Card 1/1

ISMAGILOV, M. I.

Geographical distribution of dominant rodent species in the Bet-Pak-Dala desert [with summary in English]. Biul.MOIP. Otd.biol.63 no.2
61-69 Mr-Apr '58 (MIRA 11:7)
(BET-PAK-DALA--RODENTIA)

ISMAGILOV, M.I.; USHAKOVA, G.V.

Wild birds of Bet-Pak-Dala as hosts of argasid ticks. Biul.MOIP.
Otd.biol. 64 no.1:37-42 Ja-F '59. (MIRA 12:7)
(Bet-Pak-Dala--Ticks) (Parasites--Birds)

ISMAGILOV, M.I.

Pseudomorphs in ores from the pyrite deposit named after the
19th Party Congress. Vop. geol. vost. okr. Rus. platf. 1
IUzh. Urala no.4:28-31 '59. (MIRA 14:6)
(Ural Mountains—Ore deposits)

ISHAGILOV, M.I.

Sex and age groups of suslik populations (*Citellus intermedius*
Br.) variability. Zool.shur. 38 no.7:1081-1088 J1 '59.
(MIRA 12:10)

1. Institute of Zoology, Academy of Sciences of the Kazakh S.S.R.
(Kazakhstan--Suslike)

ISMAGILOV, M.I.

Types of colonies of the greater gerbil (*Rhombomys opimus* Licht.)
in the Bet-Pak-Dala and their epizootiological significance.
Trudy Inst. zool. AN Kazakh. SSR 13:54-66 '60. (MIRA 13:7)
(Bet-Pak-Kala--Gerbils)
(Animals, Habitations of)

ISMAGILOV, M.I.

Contact of the greater gerbil with susliks in the deserts of
Kazakhstan. Trudy Inst. zool. AN Kazakh. SSR 13:67-77 '60.
(Kazakhstan--Susliks)
(Kazakhstan--Gerbils)

ISMAGILOV, M.I.

Materials on the ecology of the gerbil *Meriones erythraurus* Gray
in Bet-Pak-Dala. Zool. zhur. 39 no.8:1239-1249 Ag '60.

(MIRA 13:8)

1. Institute of Zoology, Academy of Sciences of Kazakh S.S.R., Alma-
Ata.

(Bet-Pak-Deal--Gerbils)

ISMAGILOV, Musa Isayevich; SLUDSKIY, A.A., kand. biolog. nauk, otv. red.;
BRAILOVSKAYA, M.Ya., red.; ROROKINA, Z.P., tekhn. red.

[Ecology of rodents associated with the landscapes of Bet-Pak-Dala
and the southern part of the Lake Balkhash region] Ekologiya land-
shaftnykh gryzunov Betpat-Daly i Iuzhnogo Pribalkhash'ia. Alma-Ata,
Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 365 p. (MIRA 14:7)
(Bet-Pak-Dala--Rodentia)
(Balkhash Lake Region--Rodentia)

ISMAGILOV, M.I.

Types of bobac colonies (*Marmota bobac* Müll.) and their effect in vegetation in regions of reclaimed virgin lands in Kazakhstan. Zool. zhur. 40 no.6:905-913 Je 1961. (MIRA 14:6)

1. Institute of Zoology, Academy of Sciences of the Kazakh S.S.R., Alma-Ata.

(Barankul'skii District—Marmots)
(Animals, Habitations of)

ISMAGILOV, M.I.; KYDYRBAYEV, Kh.N.

Effect of the cultivation of virgin lands on the distribution and
abundance of bobac and the activity of this rodent in grain fields.
Trudy Inst. zool. AN Kazakh SSR 20:145-152 '63. (MIRA 17:2)

ISMAGILOV, M.I.

Materials on the fauna and ecology of rodents of the southern Kyzyl
Kum. Trudy Inst. zool. AN Kazakh. SSR 17:192-200 '62. (MIRA 17:2)

ISMAGILOV, M.I.; KYDYRBAYEV, Kh.K.

Distribution and abundance of rodents in districts of cultivated
virgin land of central Kazakhstan. Trudy Inst. zool. AN Kazakh.
SSR. 23:135-149 '64. (MIRA 17:11)

KAMAY, Gil'm; ISMAGILOV, R.K.

Synthesis of some esters of trichloromethyl-p-tolylphosphinic acid.
Zhur.ob.khim. 34 no.2:439-442 F '64. (MIRA 17:3)

1. Kazanskiy khimiko-tehnologicheskii institut imeni S.M.Kirova.

85513

16.4600

S/020/60/133/015/031XX
C 111/ C 333

AUTHOR: Ismagilov, R. S.

TITLE: Self-Adjoint Extensions of a System of Commuting
Symmetric Operators

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 133, No. 3,
pp. 511-514

TEXT: Let Φ be a linear topological space, A and B linear continuous commuting operators in Φ . Let H be the Hilbert space which arises from Φ by completion with respect to the non-degenerate scalar product (x, y) . Let $\bar{A}$ (closure of A in H) be self-adjoint in H; B symmetric. Definition 1: $\bar{A}$ is called strongly self-adjoint in $H = \bar{\Phi}$, if there exists a subset $\Phi_1 \subset \Phi$ such that a.) Φ_1 is dense in Φ , b.) if it is $x \in \Phi_1$, A possesses a self-adjoint closure in the subspace L which is defined by the elements $\{Ax, k = 0, 1, 2, \dots\}$.

I. Let $\Phi^{\lambda x}$ be the set $(B - \lambda E)$; $H^{\lambda} = \bar{\Phi}^{\lambda}$.

Theorem 1: The following conditions are assumed to be satisfied:

- 1.) Let A be strongly self-adjoint in H^{λ} for a λ with $\text{Im } \lambda \neq 0$;
- 2.) in Φ there exists an involution $x \leftrightarrow x^*$, where $(\overline{x}, y) = (x^*, y^*)$ for all $x, y \in \Phi$, and A and B are real in this involution, i. e.

Card 1/5

85513

S/020/60/133/003/015/031XX

C 1.11/ C 333

Self-Adjoint Extensions of a System of Commuting Symmetric Operators

$Ax^* = (Ax)^*$. Then B possesses a self-adjoint extension which commutes with $\bar{A}$.

Definition 2: The element $x \in \Phi$ is called a Carleman element, if there exists a numerical sequence m_k such that

$$\sum_{m_{2k}} -1/2k = \infty \quad \text{and if the sequence } \left\{ \frac{1}{m_k} A^k x \right\} \text{ is bounded in}$$

the topology of Φ .

Definition 3: A in Φ is called a Carleman operator, if Φ contains a dense set of Carleman elements.

Theorem 1*: If A is a Carleman operator in Φ and if the operators A and B are real relative to the involution in Φ (where $(x^*, y^*) = \overline{(x, y)}$), then B admits a self-adjoint extension in H commuting with A.

II. Applications: Definition 4: A kernel algebra Φ (see (Ref.3)) is called Carleman space, if Φ possesses a single characteristic

Card 2/5

112

85513

S/020/60/133/003/015/031XX

C 111/ C 333

Self-Adjoint Extensions of a System of Commuting Symmetric Operators

operator (see (Ref.3) A and if this is a Carleman operator in Φ . Furthermore Φ is assumed to be a space with involution.

Theorem 2: Let $\Phi = \Phi_1 \otimes \Phi_2$ be the tensor product of kernel algebras (or of linear subspaces of algebras) (see (Ref.2,3)) Φ_1 and Φ_2 with the characteristic operators A_1 and A_2 . Let Φ_1 be a Carleman space. Then every positive-definite functional $T(x)$ over Φ admits a (generally non-unique) decomposition with respect to the common eigenfunctionals of the operators A_1 and A_2 .

Theorem 3: Let Φ be the space of the functions absolutely integrable on $(-\infty, \infty)$, which possess continuous convolution

$$\varphi \circ \psi = \int \varphi(x-t) \psi(t) dt \text{ and the characteristic operator}$$

$$c \frac{d^k}{dx^k} \text{ where for all large } n \text{ a dilatation}$$

operator $K \varphi(x) = \varphi(nx)$ is defined in Φ . Then: If Φ possesses at least one Carleman element $\varphi_0(x)$ and if $\int \varphi_0(x) \neq 0$, then Φ is a Carleman space.

Card 3/5

85513

S/020/60/133/003/015/031XX
C 111/ 0 333

Self-Adjoint Extensions of a System of Commuting Symmetric Operators

Theorem 4: The spaces (see (Ref.3,4))

$(S, i \frac{d}{dx})$, $(S_{\alpha}^{\beta}, i \frac{d}{dx})$ for $\alpha + \beta \geq 1$, $(S_{\alpha}^{\beta}, \frac{d^2}{dx^2})$ for

$\alpha + \beta \geq 1$, $\alpha \geq \frac{1}{2}$ are Carleman spaces.

Theorem 5: A positive-definite function $f(x_1, \dots, x_n)$ continuous in the strip $-\infty < x_i < \infty$ ($i = 1, 2, \dots, n-1$), $-h \leq x_n \leq h$ of the n -dimensional space can be continued onto the whole plane according to the formula

$$(5) \quad f(x_1, \dots, x_n) = \int_{R_n} \exp \left[i \sum_{k=1}^n x_k \xi_k \right] d\sigma(\xi_1, \dots, \xi_n)$$

where $\sigma(\xi_1, \dots, \xi_n)$ is a bounded non-negative measure.

Card 4/5

ISMAGILOV, R.S.

Conditions of semiboundedness and discreteness of the spectrum
for one-dimensional differential operators. Dokl. AN SSSR 140
no.1:33-36 S_0 '61. (MIRA 14:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom P.S.Aleksandrovym.
(Operators (Mathematics))

ISMAGILOV, R.S.

Functions of Hermitian operators. Usp. mat. nauk 16 no.5:167-
168 S-0 '61. (MIRA 14:10)

(Operator, Hermitian)

ISMAGILOV, R.S.

Self-adjoint extension of commutative symmetric operators. Usp.-
mat.nauk 17 no.1:177-181 Ja-F '62. (MIRA 15:3)
(Transformations (Mathematics))

ISMAGILOV, R.S.

Conditions for self-adjointness of differential operators of
higher order. Dokl. AN SSSR 142 no.6:1239-1242 F '62.

(MIRA 15:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom P.S.Aleksandrovym.
(Operators(Mathematics))

ISMAGILOV, R.S.

Spectrum of Toeplitz matrices. Dokl. AN SSSR 149 no.4:769-772 Ap
'63. (MIRA 16:3)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavleno akademikom P.S.Aleksandrovym.
(Matrices)

ISMAGILOV, R.S.

Self-adjointness of the Sturm-Liouville operator. Usp. mat. nauk
18 no.5:161-166 S-O '63. (MIRA 16:12)

ISMAGILOV, R.S.

Description of unitary representations of a Lorentz group in a space
with an indefinite metric. Dokl. AN SSSR 158 no.2:268-270 S '64.

(MIRA 17:10)

1. Voronezhskiy gosudarstvennyy universitet. Predstavleno akademikom
L.S. Pontryaginym.

ISMAGILOVA, A. Sh.: Master Med Sci (diss) -- "The problem of the importance of *Iamblia* in diseases of the gastro-intestinal tract of young children".

Alma-Ata, 1958. 15 pp (Kazakh State Med Inst), 150 copies (KL, No 4, 1959, 131)

AVENIROVA, A.I., prof.; ISMAGILOVA, A.Sh., kand.med.nauk

Significance of *Lamblia* in intestinal disturbances of infants.
Zdrav. Kazakh. 21 no.1:58-61 '61. (MIRA 14:3)

1. Iz kafedry gosptal'noy pediatrii (zav. - professor A.I.Avenirova)
Kazakhskogo meditsinskogo instituta.
(GIARDIASIS)

ISMAGILOVA, A.Sh.

Drug induced disease in children following the use of antibiotics. Zdrav. Kazakh. 21 no.11:54-56 '61.

(MIRA 15:7)

1. Iz kafedry detskikh bolezney lechebnego fakul'teta (sav. - kand. med. nauk Sh.Z. Ibrayev) Kazakhskogo meditsinskogo instituta.

(ANTIBIOTICS)

40786

S/110/62/000/006/002/002

1010/1210

AUTHOR: Ismagilova, E. A. (Engineer)

TITLE: Silicon Hall e.m.f. detectors

PERIODICAL: Vestnik elektro-promyshlennosti, no. 6, 1962, 30-33

TEXT: The result of analysis of characteristics of silicon detectors produced by VNIIEM are given. It was found that the silicon Hall e.m.f. detectors are more sensitive than the ones of InAs and of Ge; the sensitivity for silicon of $G = 3-19 \text{ Ohm} \cdot \text{cm}$ was $1.7-5 \text{ V/a} \cdot \text{kGauso}$. The Hall e.m.f. of the silicon detectors was not higher than a few hundredths of a percent for 1°C in the range of temperature from 16 up to 100°C . The usual method of choosing the optimum driving current may not be applied to the silicon detectors because of their wide forbidden zone. The optimum current is determined by the relation $U_d = f(I_{\text{driv}})$ and by overheating of the detector which in the investigated samples at $16-20^\circ\text{C}$ should not exceed 9°C . The characteristics of the silicon detectors showed a high degree of linearity. Coefficient of nonlinearity does not exceed 1.3% for high-resistance silicon ($g = 10-20 \text{ Ohm} \cdot \text{cm}$) and 0.8% for low-resistance ones ($g = 4 \text{ Ohm} \cdot \text{cm}$). A table shows the results of measurements on various sizes of samples. There are 5 figures, 2 tables and 5 references (2 Russian, 3 Western).

ASSOCIATIONS: VNIIEM

Card 1/1

ISMAGULOVA, F.A.

Physiology of thrombocytes and prothrombin in lambs. Trudy
Inst.fiziol. AN Kazakh.SSR 2:128-130 '59. (MIRA 13:7)
(BLOOD PLATELETS) (PROTHROMBIN)

YEDIGAROV, S.G.; VOLOKH, I.B.; BASHCHEPKIN, K.Ye.; MAYSKIY, A.A.;
VALEYEV, E.Kh.; LOGVINOV, G.I.; ISMAGILOVA, F.Kh.

Excavator for uncovering pipelines in the ground. Transp. i khran.
nefti i nefteprod. no.10:12-14 '64.

(MIRA 17:12)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu
nefti i nefteproduktov.

GOROKHOVSKIY, V.M.; ISMAGILOVA, F.K.

Oscillopolarographic determination of Cl^- , Br^- , I^- ions on
a silver electrode. Zhur. anal. khim. 21 no. 1287-83 '66
(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut,
Kazanskiy filial.

ISMAGILOVA, L.

Morphogenesis of the Pamir *Astragalus chadjanensis* in
Tashkent. Vop. biol. i kraev. med. no. 4:226-232 '63.
(MIRA 17:2)

ISMAGILOVA, R.G.

✓ 1124. Allergic diagnosis of coenurosis in sheep and large horned cattle. R. G. Ismagilova Trud. Inst. Vet. Kazakh. Fil. V. 4 S. 38 N. 1 L. 1958, 7. 1958-207. Refiras. ZA Biol. 1958, Abstr. No. 52280 (Russian). U.C. RAI NABZ.

ORIG. PUB. : Tr. In-ta vet. Kazakhsk. Fil. V. 4 S. 38 N. 1 L. 1958, 7. 1958-207. Refiras. ZA Biol. 1958, Abstr. No. 52280 (Russian). U.C. RAI NABZ.

ABSTRACT : Experiments were conducted on lambs experimentally infected with oncospheres of the cerebral tapeworms. Following the sedimentation of proteins of the fluid and scolexes of Coenuri, Cysticerci and Echinococci (in the latter case the membrane was used along with scolexes) served as allergens. For differential

*Institute of All-Union Academy of Agricultural Sciences imeni Lenin

CARD: 1/3

R

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 6 1959, No. 26007

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : diagnosis of coenurosis the coenural allergen was introduced into the eyelid of one eye, and cont'd. symptoms of echinococcal and cysticercal aller-

COUNTRY	:		R
CATEGORY	:		
ABS. JOUR.	:	RZhBiol., No. 6	1959, No. 26007
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT cont'd.	:	0.2 ml, intracutaneously. It was shown that polysaccharide coenural allergen proposed by the author reveals all stages of coenurosis and detects sheep affected with it, beginning with the 11th-12th day following infection, regardless of the subsequent fate of the Coenuri. The allergen preserves its activity up to 3 years. The author recommends for wide-scale use in practice the technique of allergic diagnosis of coenurosis which he developed.-- N. V. Demidov.	
CARD:		3/3	

ISMAGILOVA, R.G.

Allergic diagnosis of cemurosis in sheep and cattle. Veterinariia
35 no.5:61-64 My '58. (MIRA 12:1)

1. Institut veterinarii Kazakhskogo filiala Vsesoyuznoy akademii
sel'skokhozyaystvennykh nauk imeni V.I. Lenina.
(Brain--Parasites) (Veterinary medicine)

ISHAGILOVA, R.G., Cand Biol Sci -- (diss) "Allergy^y diagnosis
of cernrosis in sheep and cattle." Alma-Ata, 1959, 19 pp
(Min of Agr KASSR. Alma-Ata ^{Zoovet} ~~Biological-Vet~~ Inst) 150 copies
(KL, 34-59, 112)

- 31 -

SHUL'TS, R.S.; ISMAGILOVA, R.G.

Scolex precipitation reaction for the diagnosis of echinococcosis.

Med. paraz. i paraz. bol. 32 no.6:678-682 N-D '63

(MIRA 18:1)

1. Iz gel'mintologicheskoy laboratorii Kazakhskogo nauchno-issledovatel'skogo instituta veterinarii, Alma-Ata.

ISMAGILOVA, Roza Murgalovna; PERSHITS, A.I., otv. red.; FRENKEL',
M.Yu., red.; MIKHLINA, L.T., tekhn. red.

[Peoples of Nigeria; ethnic composition and brief ethnological
characteristics] Narody Nigerii; etnicheskii sostav i kratkaia
etnograficheskaiia kharakteristika. Moskva, Izd-vo vostochnoi
lit-ry, 1963. 273 p. (MIRA 16:9)
(Nigeria--Ethnology)

ISMAGULOV, A.S.

Electrocardiographic changes in hypertension treated with daucarine.
Zdrav. Kazakh. 21 no.6:29-34 '61. (MIRA 15:2)

1. Iz kafedry gosspital'noy terapii (zav. - R.A.Satpayeva) Kazakhskogo
meditsinskogo instituta.
(CARROTS--THERAPEUTIC USE) (HYPERTENSION)

ISMAGULOV, A.S.; KUCHIN, N.N.

Size of an electrical systole in hypertension. Izv. AN Kazakh. SSR.
Ser. med. i fiziol. no.1:100-104 '61. (MIRA 15:4)
(HYPERTENSION) (ELECTROCARDIOGRAPHY)
(HEART BEAT)

ISMAGULOV, A.S.

Use of daucarine in hypertension. Zdrav. Kazakh. 21 no.10:24-27 '61.
(MIRA 15:2)

1. Iz kafedry gosspital'noy terapii lechebnogo fakul'teta (zav. -
doktor meditsinskikh nauk R.A.Satpayeva) Kazakhskogo meditsinskogo
instituta.

(HYPERTENSION)

(VASODILATORS)

ISMAGULOV, O.

"Protsess stanovleniya antropologicheskogo tipa kazakhov v svyazi s problemami etnogeneza."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

USSR/Human and Animal Physiology. Blood

T-4

Abs Jour : Ref Zhur - Disl., No 14, 1958, No 65138

Author : Ismagulova F.A.

Inst : AS KazSSR

Title : The Physiology of Prothrombin in Certain Domestic Animals.

Orig Pub : KazSSR Fylyn Akad. khabarshysy, Vestn. AN KazSSR, 1957,
No 10, 90-94.

Abstract : Hourly blood prothrombin tests were performed for a period of 24 hours on 61 sheep, 6 calves, 5 horses, 6 pigs and 4 camels (1968 prothrombin analyses in all). The level of prothrombin varied according to the contents of the feed or pasturage, the time of day and the behavior. During the course of a day, the prothrombin time changed in horses from 130 to 160 seconds, in cattle from 140 to 160 seconds, in camels from 300 to 340 seconds, in pigs from 120 to 145 seconds, in sheep from 45 to 120 seconds. The maximal value of the prothrombin index in cows was 73% of that in sheep, in horses it was 75%, in pigs 83% and in the camel 35% of that in

Card : 1/2

ISMAGULOVA, F. A.: Master Biol Sci (diss) -- "On the physiology of thrombocytes
and prothrombin in certain agricultural animals". Alma-Ata, 1958. 15 pp (Acad
Sci Kazakh SSR, Inst of Physiology), 180 copies (KL, No 8, 1959, 135)

ISMAGULOVA, F.A.

Change of the quantity of thrombocytes in the periferal blood of
pregnant ewes. Vest. AN Kazakh. SSR 14 no.4:73-76 Ap '58.
(Ewes) (Blood platelets) (MIRA 11:6)

ISMAGULOVA, F.A.

Effect of some vegetative poisons and mediators of nervous
excitation on the thrombocyte level and prothrombin time in sheep.
Trudy Inst. fiziol. AN Kazakh. SSR 5:151-153 '63. (MIRA 17:5)